

SBG 5/21/03

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|--|-------|------------------|
| 1 | 2036 | 438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls. | USPAT | 2003/05/21 16:13 |
| 2 | 1163 | (438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.) not (2003.ay. or 2002.ay. or 2001.ay. or 2000.ay. or 1999.ay.) | USPAT | 2003/05/21 16:14 |
| 3 | 1277 | 438/115.ccls. or 438/119.ccls. or 438/126.ccls. or 438/127.ccls. | USPAT | 2003/05/21 16:14 |
| 4 | 749 | (438/115.ccls. or 438/119.ccls. or 438/126.ccls. or 438/127.ccls.) not (438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.) | USPAT | 2003/05/21 16:15 |
| 5 | 567 | ((438/115.ccls. or 438/119.ccls. or 438/126.ccls. or 438/127.ccls.) not (438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.)) not (2003.ay. or 2002.ay. or 2001.ay. or 2000.ay. or 1999.ay.) | USPAT | 2003/05/21 16:18 |
| - | 14 | ((("4875279") or ("4985105") or ("5145099") or ("5177032") or ("5204399") or ("5360942") or ("5406124") or ("5432380") or ("5512628") or ("5528075") or ("5605763") or ("5635009") or ("5793099") or ("5837368"))).PN. | USPAT | 2001/09/19 19:00 |
| - | 1 | ((("4875279") or ("4985105") or ("5145099") or ("5177032") or ("5204399") or ("5360942") or ("5406124") or ("5432380") or ("5512628") or ("5528075") or ("5605763") or ("5635009") or ("5793099") or ("5837368"))).PN.) and (water adj absorption) | USPAT | 2001/09/19 18:54 |
| - | 1 | ((("4875279") or ("4985105") or ("5145099") or ("5177032") or ("5204399") or ("5360942") or ("5406124") or ("5432380") or ("5512628") or ("5528075") or ("5605763") or ("5635009") or ("5793099") or ("5837368"))).PN.) and (water adj absorption) and water | USPAT | 2001/09/19 18:48 |
| - | 0 | ((("4875279") or ("4985105") or ("5145099") or ("5177032") or ("5204399") or ("5360942") or ("5406124") or ("5432380") or ("5512628") or ("5528075") or ("5605763") or ("5635009") or ("5793099") or ("5837368"))).PN.) and (saturation adj moisture) | USPAT | 2001/09/19 18:55 |
| - | 6 | saturation adj moisture adj absorption | USPAT | 2001/09/19 18:56 |
| - | 1 | ((("4875279") or ("4985105") or ("5145099") or ("5177032") or ("5204399") or ("5360942") or ("5406124") or ("5432380") or ("5512628") or ("5528075") or ("5605763") or ("5635009") or ("5793099") or ("5837368"))).PN.) and (peel adj strength) | USPAT | 2001/09/19 19:02 |
| - | 3 | ((("4875279") or ("4985105") or ("5145099") or ("5177032") or ("5204399") or ("5360942") or ("5406124") or ("5432380") or ("5512628") or ("5528075") or ("5605763") or ("5635009") or ("5793099") or ("5837368"))).PN.) and peel | USPAT | 2001/09/19 19:23 |
| - | 88703 | 438/\$ or 257/\$ | USPAT | 2001/09/21 15:23 |
| - | 90 | (438/\$ or 257/\$) and (peel adj strength) | USPAT | 2001/09/19 19:27 |
| - | 34 | ((438/\$ or 257/\$) and (peel adj strength)) not (2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.) | USPAT | 2001/09/19 19:54 |
| - | 79 | (438/\$ or 257/\$) and (void adj volume) | USPAT | 2001/09/19 19:54 |
| - | 57 | ((438/\$ or 257/\$) and (void adj volume)) and semiconductor | USPAT | 2001/09/19 19:55 |

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| - | 16 | ((438/\$ or 257/\$) and (void adj volume)) and (semiconductor adj chip) | USPAT | 2001/09/19 19:55 |
| - | 88703 | 438/\$ or 257/\$ | USPAT | 2001/09/21 16:18 |
| - | 79 | (438/\$ or 257/\$) and (void adj volume) | USPAT | 2001/09/21 15:27 |
| - | 1 | ((438/\$ or 257/\$) and (void adj volume)) and (die adj bonding) | USPAT | 2001/09/21 15:27 |
| - | 7311 | void adj volume | USPAT | 2001/09/21 15:27 |
| - | 2495 | (void adj volume) and (film) | USPAT | 2001/09/21 15:28 |
| - | 38 | (void adj volume) and (semiconductor adj chip) | USPAT | 2001/09/21 15:28 |
| - | 1063 | (438/\$ or 257/\$) and (die adj bonding) | USPAT | 2001/09/21 16:19 |
| - | 1752 | 438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls. | USPAT | 2003/05/21 16:12 |
| - | 80 | (438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.) and elasticity | USPAT | 2002/09/18 14:00 |
| - | 43 | ((438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.) and elasticity) and modulus | USPAT | 2002/09/18 14:01 |
| - | 595 | (438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.) | USPAT | 2002/09/18 14:02 |
| - | 8 | ((438/106.ccls. or 438/110.ccls. or 438/111.ccls. or 438/112.ccls. or 438/118.ccls.) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.)) and (modulus with elasticity) | USPAT | 2002/09/18 14:04 |
| - | 16751 | modulus with elasticity | USPAT | 2002/09/18 14:05 |
| - | 3 | (modulus with elasticity) near film | USPAT | 2002/09/18 14:17 |
| - | 259 | ((modulus with elasticity) or (young\$1 adj modulus)) near film | USPAT | 2002/09/18 14:18 |
| - | 11 | ((modulus with elasticity) or (young\$1 adj modulus)) near film) and (polyimide adj film) | USPAT | 2002/09/18 14:25 |
| - | 253 | (polyimide adj film) and MPa | USPAT | 2002/09/18 14:27 |
| - | 119 | ((polyimide adj film) and MPa) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.) | USPAT | 2002/09/18 14:56 |
| - | 15430 | polyimide.ti. | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/18 14:29 |
| - | 12014 | polyimide.ti. not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.) | USPAT; EPO; JPO; DERWENT; IBM_TDB | 2002/09/18 14:30 |
| - | 991 | polyimide.ti. not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.) | USPAT | 2002/09/18 14:30 |
| - | 5 | (polyimide.ti. not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.)) and (MPa and (young or youngs) and modulus) | USPAT | 2002/09/18 14:31 |
| - | 4438 | (polyimide adj film) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.) | USPAT | 2002/09/18 14:57 |
| - | 125 | ((polyimide adj film) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.)) and (water adj absorption) | USPAT | 2002/09/18 15:01 |
| - | 0 | ((polyimide adj film) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.)) and (residual adj volatile adj component) | USPAT | 2002/09/18 15:01 |

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| - | 6 | ((polyimide adj film) not (2002.ay. or 2001.ay. or 2000.ay. or 1999.ay. or 1998.ay. or 1997.ay. or 1996.ay.)) and (residual adj volatile) | USPAT | 2002/09/18 15:02 |
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